

## Ordering in model metallic glass upon external homogeneous shear

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### Abstract

Nonequilibrium molecular dynamics simulations are performed for model metallic glass upon external homogeneous shear. The results from cluster analysis reveal the positive influence of external shear on the structural ordering in the considered glassy system. It is found that homogeneous shear facilitates the appearance of crystalline clusters whose structure is characterized by face-centered cubic and hexagonal symmetries. © Allerton Press, Inc., 2013.

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